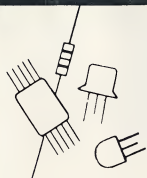


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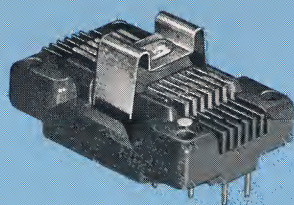
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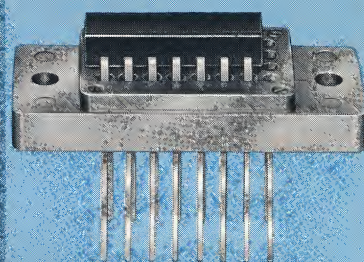
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IN-LINE
SOCKETS



FLAT PACK
HOLDERS

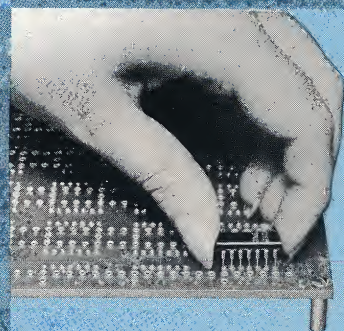


CAMBI-CARDS®

EXTENDERS

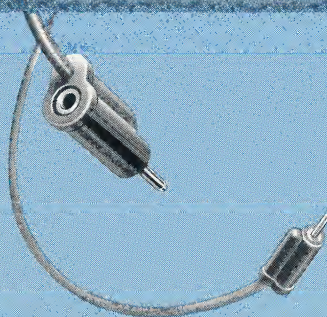


PATCH CORD KIT
.040 PIN DIA.



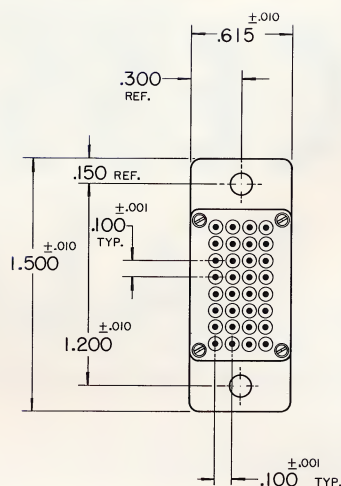
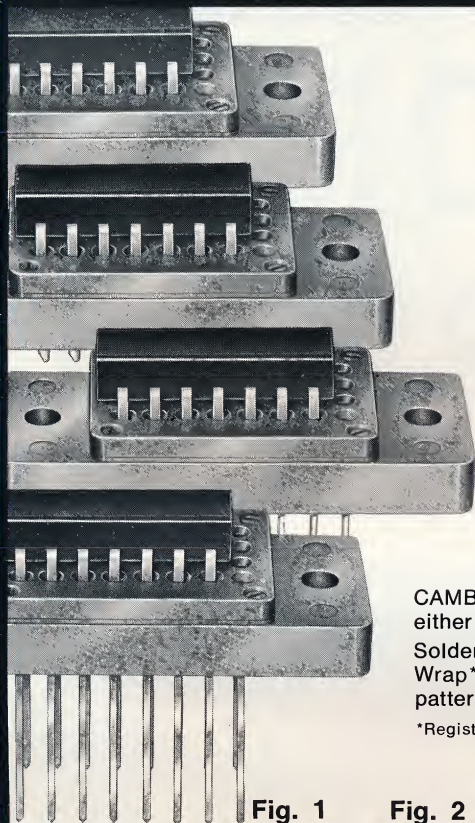
CONNECTORS

IN-LINE
I.C. EXTRACTOR



BREADBOARDS
AND
PANELS

IN-LINE SOCKETS



CAMBION I.C. In-line Sockets feature jacks for either flat leads or .020" diameter round pins. Solder terminal, solder pot, pin-plug and Wire-Wrap* terminations are available in any of five patterns.

*Registered mark of Gardner-Denver Co.

Fig. 1

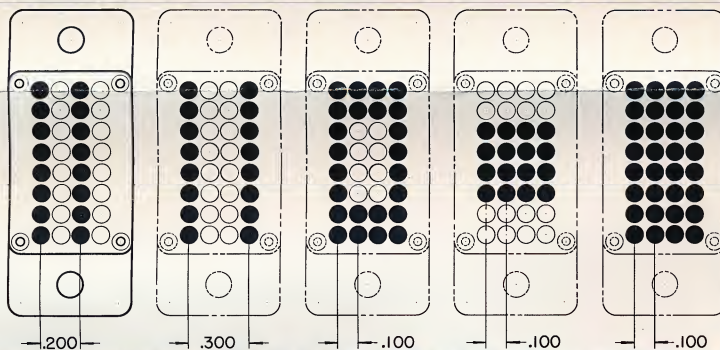
Fig. 2

Fig. 3

Fig. 4

Fig. 5

JACK
LOCATIONS
(● INDICATES
POSITION
OF JACKS)



ORDER PER PART NO. AND DASH NO.
(Plus last four digits in "Add" column)

(See Figures 1 thru 5.)

COMBINATION JACK AND	FOR TYPE OF PIN	BASIC PART NO.	Add #DASH NO.	Add	#DASH NO.	JACK LOCATIONS Jack Qty.	Figure No.
Solder Terminal	Round	703-3792	-XX	-0312	-01	16	1
	Flat	703-3793	-XX	-0316	-02	14/16	2
Solder Pot	Round	703-3794	-XX	-0312	-03	24	3
	Flat	703-3795	-XX	-0316	-04	16	4
Wire-Wrap Terminal	Round	703-3796	-XX	-0312	-05	32	5
	Flat	703-3797	-XX	-0316			
.025 Dia. Pin-Plug	Round	703-3798	-XX	-0312			
	Flat	703-3799	-XX	-0316			

#Replace (XX) with selected Dash No. in sequence shown.

EXAMPLE: 703-3792-02-0312

JACK CONFIGURATIONS

FOR TYPE OF PIN	SOLDER TERMINAL	SOLDER POT	(.025 SQUARE) WIRE-WRAP* TERMINAL	.025 DIA. PIN—PLUG
*ROUND →	703-3792-XX-0312	703-3794-XX-0312	703-3796-XX-0312	703-3798-XX-0312
**FLAT →	703-3793-XX-0316	703-3795-XX-0316	703-3797-XX-0316	703-3799-XX-0316

* RED
INSULATOR
IDENTIFIES
SOCKET FOR
ROUND PINS

** BLUE
INSULATOR
IDENTIFIES
SOCKET FOR
FLAT PINS

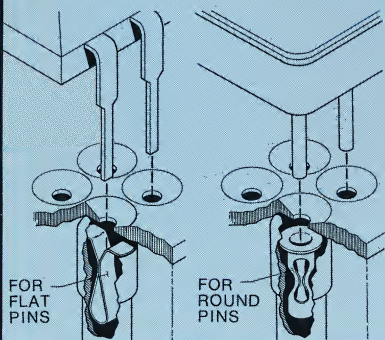
BASE OF
SOCKET, REF.

.116
REF.

.119
REF.

.610
REF.

.187
REF.



FLAT PACK HOLDERS

FOR 1/4" X 1/4" I.C.'s

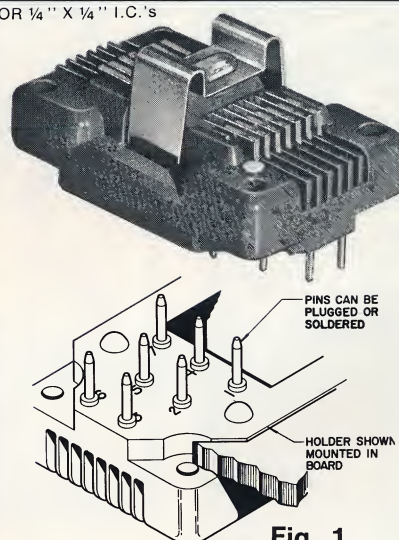


Fig. 1

MOLDED BASE UNIT
SHOWING .025 SQUARE
WIRE-WRAP TERMINALS

Fig. 2

CAMBION I.C. Flat-Pack Holders are specifically designed for 1/4" by 1/4" integrated circuits.

Holders are provided with either .025" diameter pin-plugs or .025" square Wire-Wrap* terminals.

*Registered mark of Gardner-Denver Co.

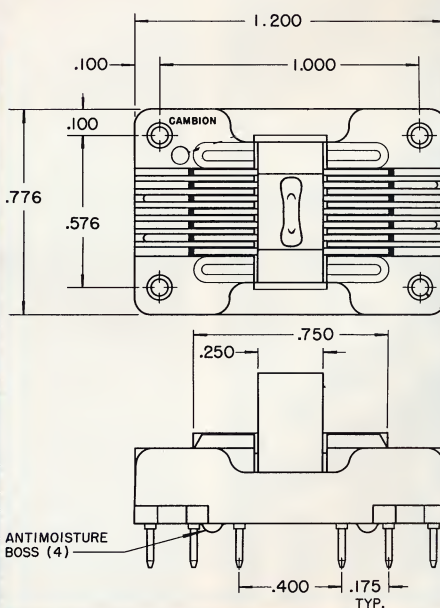


FIG.	PART NO.	PIN TYPE
1	703-3773-01-0316	.025 Diameter Pin-Plug
2	703-3774-01-0316	.025 Square Wire-Wrap*

CAMBI-CARD® CIRCUIT BOARDS

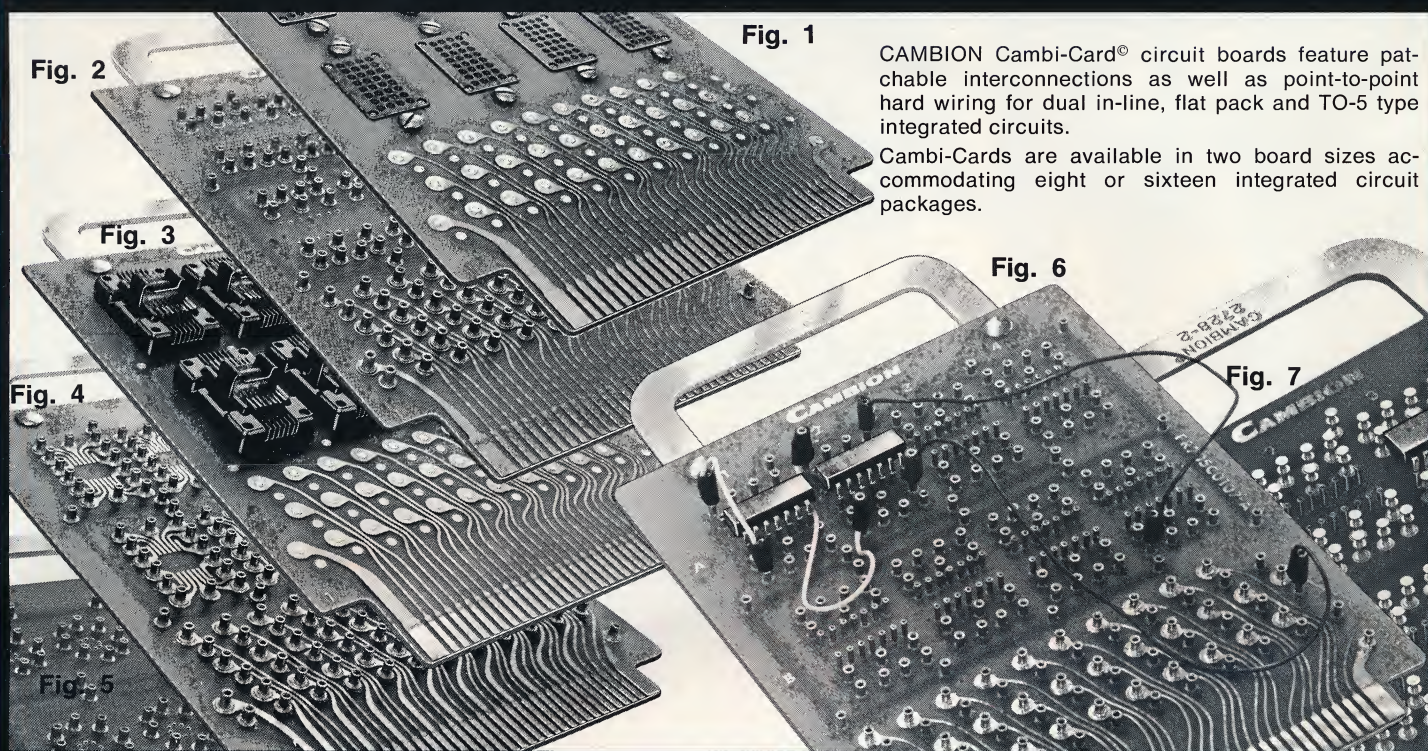
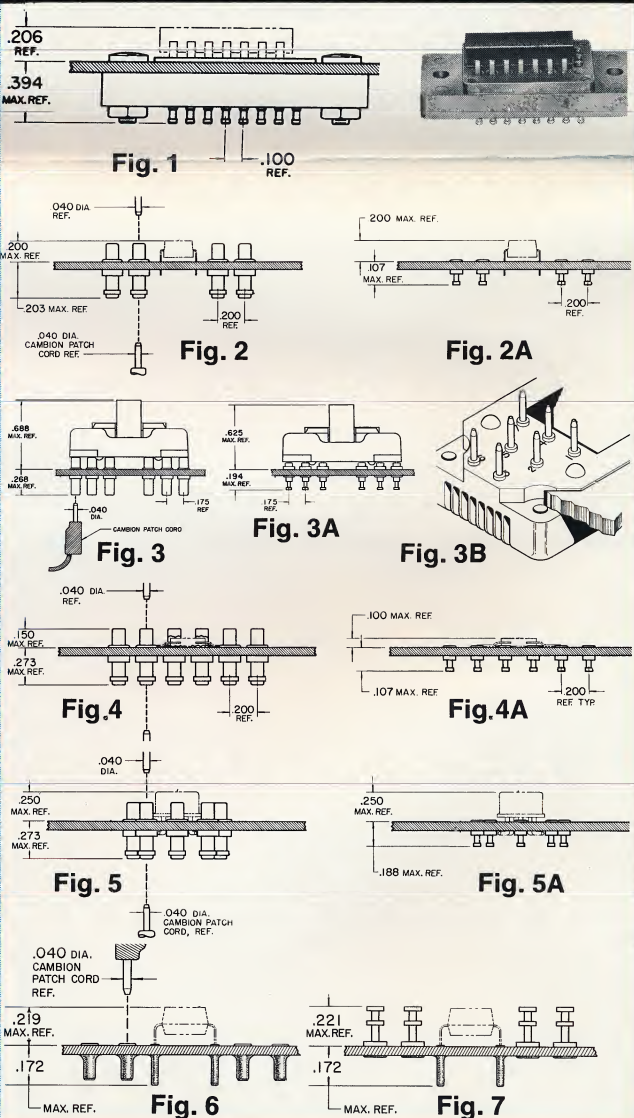


FIG.	PART NO.	FOR TYPE OF I.C. PINS	SOCKETS/BOARD	BOARD HARDWARE	BOARD SIZE (INCHES)
1	705-1000-01	Flat	8	Terminals	4.5 x 6.062
1	705-1000-02	Round	8	Terminals	4.5 x 6.062
*	705-1001-01	Flat	16	Terminals	4.5 x 9.250
*	705-1001-02	Round	16	Terminals	4.5 x 9.250
FIG.	PART NO.		FOR NO. OF I.C.'s/BOARD	BOARD HARDWARE	BOARD SIZE (INCHES)
*	705-0112-01	→	16	Jack-Jacks	4.5 x 9.250
*	705-0113-01	→	16	Terminals	4.5 x 9.250
2	705-0114-01	→	8	Jack-Jacks	4.5 x 6.062
2A	705-0115-01	→	8	Terminals	4.5 x 6.062
FIG.	PART NO.		HOLDERS/BOARD	BOARD HARDWARE	BOARD SIZE (INCHES)
3	705-2000-01	→	8	Jack-Jacks	4.5 x 6.062
3A	705-2000-02	→	8	Jack-Terminals	4.5 x 6.062
*	705-2001-01	→	16	Jack-Jacks	4.5 x 9.250
*	705-2001-02	→	16	Jack-Terminals	4.5 x 9.250
3B	705-2002-01	→	8	Terminals	4.5 x 6.062
*	705-2003-01	→	16	Terminals	4.5 x 9.250
FIG.	PART NO.		FOR NO. OF I.C.'s/BOARD	BOARD HARDWARE	BOARD SIZE (INCHES)
*	705-0110-01	→	16	Jack-Jacks	4.5 x 9.250
*	705-0111-01	→	16	Terminals	4.5 x 9.250
4	705-0118-01	→	8	Jack-Jacks	4.5 x 6.062
4A	705-0119-01	→	8	Terminals	4.5 x 6.062
FIG.	PART NO.	FOR NO. OF LEADS/CAN	FOR NO. OF CANS/BOARD	BOARD HARDWARE	BOARD SIZE (INCHES)
*	705-0116-01	8	16	Jack-Jacks	4.5 x 9.250
*	705-0117-01	8	16	Terminals	4.5 x 9.250
5	705-0120-01	8	8	Jack-Jacks	4.5 x 6.062
5A	705-0121-01	8	8	Terminals	4.5 x 6.062
*	705-0135-01	10	8	Jack-Jacks	4.5 x 6.062
*	705-0136-01	10	8	Terminals	4.5 x 6.062
*	705-0138-01	10	16	Jack-Jacks	4.5 x 9.250
*	705-0139-01	10	16	Terminals	4.5 x 9.250
*	705-0141-01	12	8	Jack-Jacks	4.5 x 6.062
*	705-0142-01	12	8	Terminals	4.5 x 6.062
*	705-0144-01	12	16	Jack-Jacks	4.5 x 9.250
*	705-0145-01	12	16	Terminals	4.5 x 9.250
FIG.	PART NO.	FOR ALL I.C. PACKAGES	FOR NO. OF I.C.'s/BOARD	DESCRIPTION	BOARD SIZE (INCHES)
6	705-0147-01	Less Sylvania	8	Pluggable	4.5 x 6.062
6	705-0147-02	Sylvania Only	8	Patchable	4.5 x 6.062
*	705-0148-01	Less Sylvania	16	Pluggable-	4.5 x 9.250
*	705-0148-02	Sylvania Only	16	Patchable	4.5 x 9.250
7	705-0149-01	Less Sylvania	8	Pluggable-	4.5 x 6.062
7	705-0149-02	Sylvania Only	8	Wirable	4.5 x 6.062
*	705-0150-01	Less Sylvania	16	Pluggable-	4.5 x 9.250
*	705-0150-02	Sylvania Only	16	Wirable	4.5 x 9.250

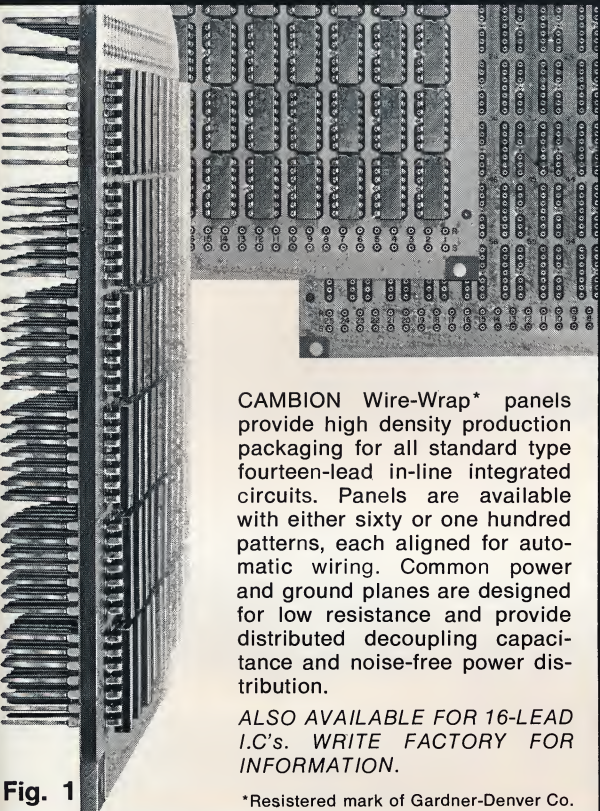
* NOT SHOWN



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WIRE-WRAP PANELS

BREADBOARDS FOR IN-LINES



CAMBION Wire-Wrap* panels provide high density production packaging for all standard type fourteen-lead in-line integrated circuits. Panels are available with either sixty or one hundred patterns, each aligned for automatic wiring. Common power and ground planes are designed for low resistance and provide distributed decoupling capacitance and noise-free power distribution.

ALSO AVAILABLE FOR 16-LEAD I.C.'s. WRITE FACTORY FOR INFORMATION.

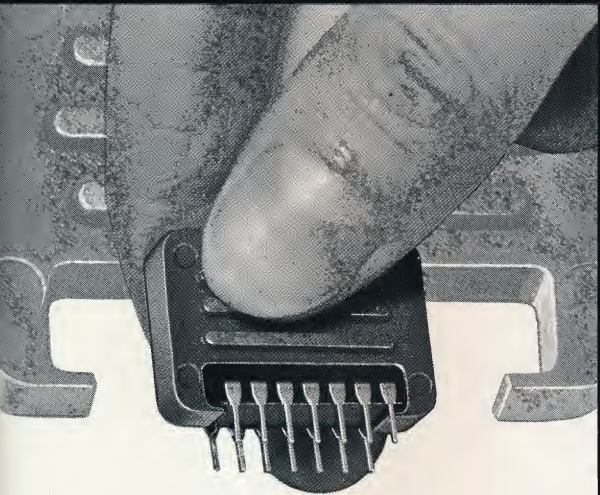
*Registered mark of Gardner-Denver Co.

Fig. 1

FIG.	PART NO.	FOR NO. OF I.C.'s/PANEL	I.C. POWER PINS	BOARD SIZE (INCHES)
1	707-1001-01	60 Patterns	4, 10	6.5 x 6.5
1	707-1002-01	60 Patterns	1, 8	6.5 x 6.5
1	707-1003-01	60 Patterns	7, 14	6.5 x 6.5
†	707-1021-01	100 Patterns	7, 14	5.25 x 19.0

†Not Shown

IN-LINE I.C. EXTRACTOR



CAMBION In-line Integrated Circuit Extractor is a one-piece molded plastic unit.

This extractor fits standard in-line I.C. packages and can remove them from their sockets without damage to leads.

I.C. Extractor
PART NO. 706-1000-01



Fig. 2

CAMBION I.C. Breadboards are available in three sizes to accommodate sixteen, thirty-two, or as many as sixty-four, standard 14/16-lead in-line integrated circuits. All boards have the pluggable I.C. concept allowing the interchanging of each integrated circuit. Boards are supplied with either jacks or terminals for patching or soldering of jumper interconnections.

Fig. 3

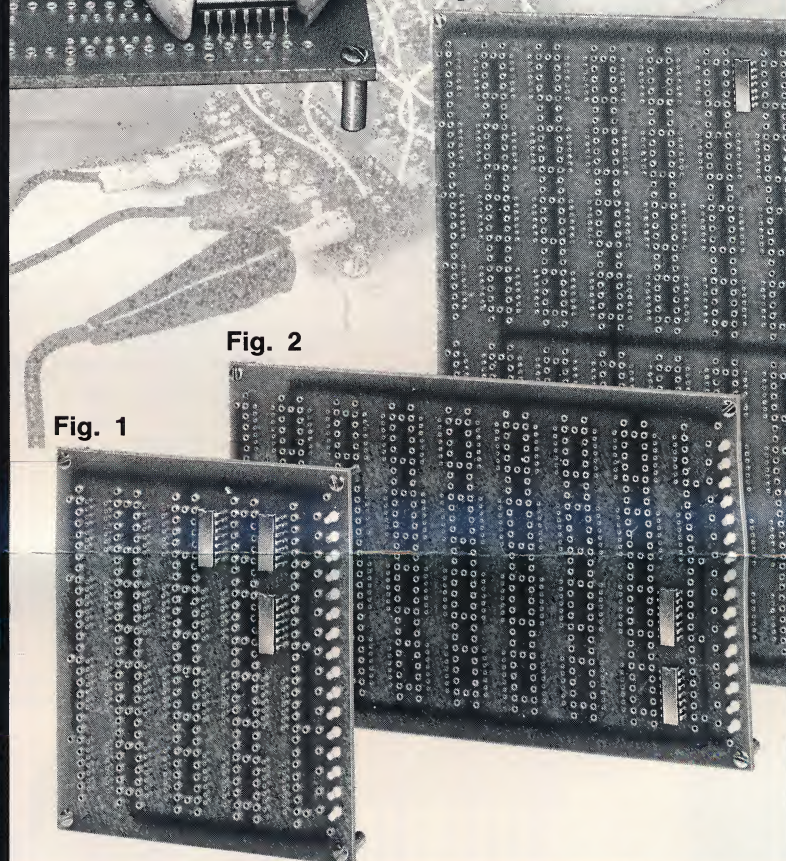


Fig. 1

CAMBION BREADBOARDS FOR 14-LEAD IC's

FIG.	PART NO.	FOR ALL I.C. PACKAGES-	FOR NO. OF I.C.'s/BOARD	DESCRIPTION	BOARD SIZE (INCHES)
3	705-0164-01	Less Sylvania	64 Pattern	Pluggable-Patchable	8.0 x 9.5
3	705-0164-02	Sylvania Only	64 Pattern	Pluggable-Patchable	8.0 x 9.5
3	705-0166-01	Less Sylvania	64 Pattern	Pluggable-Wirable	8.0 x 9.5
3	705-0166-02	Sylvania Only	64 Pattern	Pluggable-Wirable	8.0 x 9.5
2	705-0264-01	Less Sylvania	32 Pattern	Pluggable-Patchable	8.0 x 5.0
2	705-0264-02	Sylvania Only	32 Pattern	Pluggable-Patchable	8.0 x 5.0
2	705-0266-01	Less Sylvania	32 Pattern	Pluggable-Wirable	8.0 x 5.0
2	705-0266-02	Sylvania Only	32 Pattern	Pluggable-Wirable	8.0 x 5.0
1	705-0364-01	Less Sylvania	16 Pattern	Pluggable-Patchable	4.5 x 5.0
1	705-0364-02	Sylvania Only	16 Pattern	Pluggable-Patchable	4.5 x 5.0
1	705-0366-01	Less Sylvania	16 Pattern	Pluggable-Wirable	4.5 x 5.0
1	705-0366-02	Sylvania Only	16 Pattern	Pluggable-Wirable	4.5 x 5.0

CAMBION BREADBOARDS FOR 16-LEAD IC's

*3	705-0169-01	Less Sylvania	64 Pattern	Pluggable-Patchable	12.1 x 11.45
*3	705-0169-02	Sylvania Only	64 Pattern	Pluggable-Patchable	12.1 x 11.45
*3	705-0171-01	Less Sylvania	64 Pattern	Pluggable-Wirable	12.1 x 11.45
*3	705-0171-02	Sylvania Only	64 Pattern	Pluggable-Wirable	12.1 x 11.45
*2	705-0269-01	Less Sylvania	32 Pattern	Pluggable-Patchable	6.5 x 11.45
*2	705-0269-02	Sylvania Only	32 Pattern	Pluggable-Patchable	6.5 x 11.45
*2	705-0271-01	Less Sylvania	32 Pattern	Pluggable-Wirable	6.5 x 11.45
*2	705-0271-02	Sylvania Only	32 Pattern	Pluggable-Wirable	6.5 x 11.45
*1	705-0369-01	Less Sylvania	16 Pattern	Pluggable-Patchable	6.5 x 6.25
*1	705-0369-02	Sylvania Only	16 Pattern	Pluggable-Patchable	6.5 x 6.25
*1	705-0371-01	Less Sylvania	16 Pattern	Pluggable-Wirable	6.5 x 6.25
*1	705-0371-02	Sylvania Only	16 Pattern	Pluggable-Wirable	6.5 x 6.25

*Similar to Board Shown

CAMBION I.C. ACCESSORIES PROVIDE FLEXIBILITY

Whether it's I.C. testing, breadboarding or sub-system-to-system planning, CAMBION Integrated Circuit Accessories provide the user with a complete assortment of useful components.

Available are forty types of in-line sockets for all popular I.C. in-line configurations and flat pack holders with many built-in features exclusive with CAMBION.

Cambi-Card® circuit breadboards accept in-line, flat pack and TO-5 type integrated circuits and provide a patchable concept for point-to-point hook up. Each card becomes a breadboarded logic assembly ready to plug-in.

Jacks and contact surfaces on all components are gold plated.

CAMBI-CARD® CIRCUIT BOARD EXTENDER



These Card Extenders provide access for troubleshooting and in-use programming of CAMBION Cambi-Card® circuit boards.

FIG.	PART NO.	BOARD SIZE (INCHES)
1	705-1010-01	4.5 x 6.91
*	705-1011-01	4.5 x 9.91

*Not Shown

CARD CONNECTORS

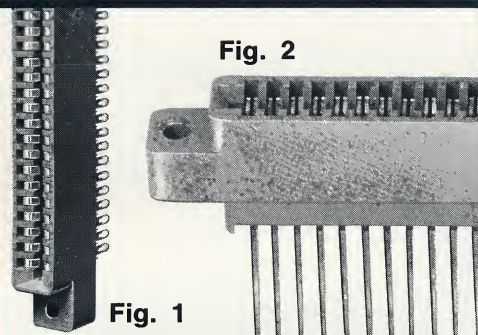


Fig. 1

Fig. 2

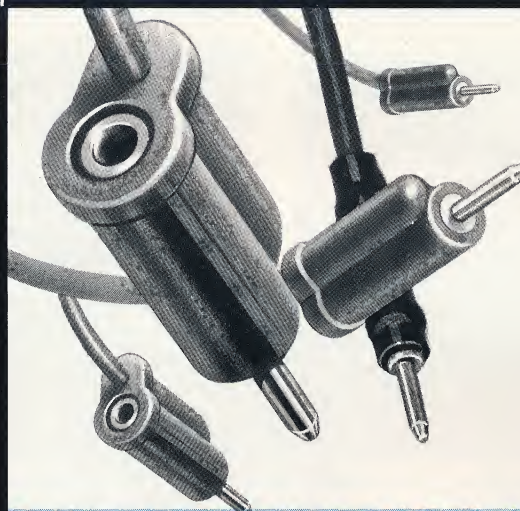
Available in two styles, each having 70 contacts, these Card Connectors are designed specifically for CAMBION Logic Assemblies and Cambi-Card® circuit breadboards. The Wire-Wrap* version permits automatic programming, as terminals are spaced .100" apart and arranged double column on .200" centers.

Mounting holes of both connectors are spaced 4.062" on centers and are .125" diameter. Connectors are gold plated.

FIG.	PART NO.	DESCRIPTION
2	706-7014-01	With Wire-Wrap* Terminals
1	706-7029-01	With Solder Lug Terminals

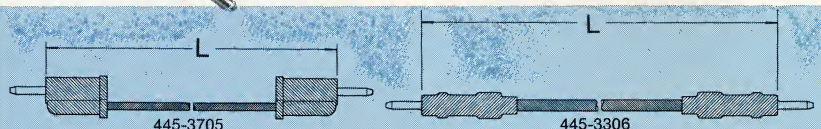
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I.C. PATCH CORD KIT — .040 PIN DIA.



CAMBION I.C. Patch Cord Kit contains one hundred assorted .040" diameter pin patch cords. Colors have a "Suggested Significance" column as length and style have been selected for breadboarding requirements.

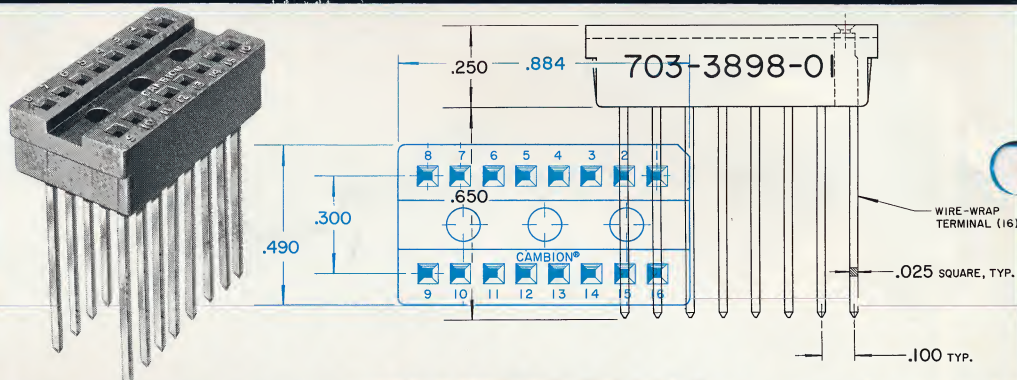
*Patch cords can be ordered separately by individual part number.



KIT PART NO.	*PATCH CORD PART NO.	NO. OF PIECES	L(LENGTH)	COLOR	SUGGESTED SIGNIFICANCE
446-3892-01	445-3306-02-0310	10	4 Inches	Black	Ground
	445-3306-02-0312	10	4 Inches	Red	B*(Power)
	445-3306-02-0316	20	4 Inches	Blue	Signal
	445-3306-03-0316	6	6 Inches	Blue	Signal
	445-3306-04-0316	2	8 Inches	Blue	Signal
	445-3705-01-0310	10	2 Inches	Black	Ground
	445-3705-01-0312	10	2 Inches	Red	B*(Power)
	445-3705-02-0316	20	4 Inches	Blue	Signal
	445-3705-03-0316	10	6 Inches	Blue	Signal
	445-3705-04-0316	2	8 Inches	Blue	Signal

DUAL IN-LINE I. C. SOCKET — FOR HIGH DENSITY PACKAGING

CAMBION offers this high quality, low cost receptacle for all standard 14/16 lead dual in-line I. C. packages available to date. Priced for today's growing market, these sockets provide inexpensive mounting for testing or permanent panel assembly. Features such as one-piece Wire-Wrap* contacts and a one-piece diallyl insulator insure excellent electrical conductivity and mechanical stability.



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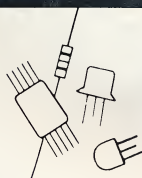


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